

Date: Tue, 21 Sep 93 04:30:26 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #48
To: Ham-Digital

Ham-Digital Digest Tue, 21 Sep 93 Volume 93 : Issue 48

Today's Topics:

 "Digital" to Europe; your thoughts on the best ways?
 DRSI DPK-9600 TNC (2 msgs)
 HAPN packet, what is it? (2 msgs)
 packet radio & distance education
 Where will the SARTG RTTY contest results appear?

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 20 Sep 1993 06:53:18 +0000
From: pipex!warwick!qmw-dcs!qmw!demon!llondel.demon.co.uk!dave@uunet.uu.net
Subject: "Digital" to Europe; your thoughts on the best ways?
To: ham-digital@ucsd.edu

In article <CDMqrv.on@world.std.com> slm@world.std.com (slm) writes:

>
>* TCP/IP. I hear some folks are experimenting with ``encapsulating'' TCP/IP
>ham messages in Internet to get them ``over the pond,'' which seems nice,
>fast, and reliable (no worries about solar flares). However, my friend on the
>other side isn't on TCP/IP (actually, neither am I yet, although I will make
>the effort to set up and learn if it seems it will be worthwhile). Could
>this still work? Are there gateways I could use to send messages reasonably
>fast to Europe? Could I realistically (not awfully slow) telnet via
>TCP/IP into a BBS in Europe to forward a message? Can I send a TCP/IP
>message here and have it get reasonably fast to an AX.25 system in Europe?
>

You will probably find that even if you could get a message to Europe by

this method, it would still be fairly slow on the VHF links into Slovenia so you wouldn't necessarily gain much over the HF hop to the area. You might even find that your message would do a hop or two on HF across Europe anyway.

I don't know of any internet gateways in the UK - licence regs are unclear as to whether it is allowed, and chances are someone would have to pay for the cost of the internet connection so that makes it even more unlikely.

Dave

--

```
*****
* G4WRW @ GB7WRW.#41.GBR.EU AX25      * Start at the beginning. Go on *
* dave@llondel.demon.co.uk Internet * until the end. Then stop. *
* g4w1w@g4w1w.ampr.org Amprnet * (the king to the white rabbit) *
*****
```

Date: Mon, 20 Sep 1993 17:22:53 GMT
From: newsgate.watson.ibm.com!yktnews.watson.ibm.com!sernews!news@uunet.uu.net
Subject: DRSI DPK-9600 TNC
To: ham-digital@ucsd.edu

Has anyone used the new DRSI DPK-9600 TNC? A group of hams in the Raleigh/Cary area are considering 9.6k/19.2k packet and the DRSI modem looks interesting. Any information will be appreciated.

73, Mike
KB4LFH

```
=====
kb4flh
kb4lfh@vnet.ibm.com
Cary, NC
=====
```

Date: Mon, 20 Sep 1993 17:21:34 GMT
From: newsgate.watson.ibm.com!yktnews.watson.ibm.com!sernews!news@uunet.uu.net
Subject: DRSI DPK-9600 TNC
To: ham-digital@ucsd.edu

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be appreciated.

73, Mike
KB4LFH

=====
kb4flh
kb4lfh@vnet.ibm.com
Cary, NC
=====

Date: Mon, 20 Sep 1993 14:13:23 GMT
From: world!eac@uunet.uu.net
Subject: HAPN packet, what is it?
To: ham-digital@ucsd.edu

In <199309152002.AA51185@freenet.scri.fsu.edu> bmm1@freenet.scri.fsu.edu (Bruce M. Marshall) writes:

>I recently purchased a DSP-12 which has a mode called HAPN packet.
> Does anyone know what HAPN packet is?

The HAPN Modem is a 4800 baud modem put out by a group called HAPN. It's advantage over 9600 baud is the audio can be fed into the mic and taken from the speaker without modification (or little modification?).

The local TCP/IP group got two to try but ran into problems getting them to work right.

73 Eric eac@world.std.com

Date: 21 Sep 93 11:03:16 +1000
From: munnari.oz.au!newshost.anu.edu.au!sserve!hhcs.gov.au!hhcs.gov.au!news@network.ucsd.edu
Subject: HAPN packet, what is it?
To: ham-digital@ucsd.edu

In article <1993Sep16.080005.11619@ke4zv.atl.ga.us> Gary Coffman, gary@ke4zv.atl.ga.us writes:

> HAPN, Hamilton Area Packet Network. It's the group in Hamilton Ontario
> who run 4800 baud modems.

There are a lot of these running here in Aus now because we built a compatable modem kit.

It's easier to setup than 9600 (read not as critical) and gets virtually the same throughput (unless you have *very* fast switching radios).

Carl.

--

Carl Makin (VK1KCM)

makinc@hhcs.gov.au (Internet) / vk1kcm@vk1kcm.act.aus.oc (Amprnet)

"Advertising is the science of arresting human intelligence long enough to get money from
- Stephen Leacock

Date: 20 Sep 1993 12:40:57 GMT

From: swrinde!cs.utexas.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!

usenet.ins.cwru.edu!odin!trier@network.ucsd.edu

Subject: packet radio & distance education

To: ham-digital@ucsd.edu

In article <MIKE.93Sep20172038@allegro.uxp.bs2.mt.nec.co.jp>,

Mike Collinson <mike@uxp.bs2.mt.nec.co.jp> wrote:

>...TCP/IP and AX.25 assume two-way communication and
>error correction. I would assume the main problem would be error
>correction, i.e. if the "listener" receives a bad packet it cannot
>broadcast a message back saying "send it again".

Actually, there is nothing in the TCP/IP suite that mandates only two nodes on a connection. TCP has this limitation, but UDP does not and the new experimental reliable multicast protocols also lack this limitation.

A reliable multicast protocol would be a natural for packet radio.

Stephen

--

Stephen Trier (trier@ins.cwru.edu - MIME OK)

Network Software Engineer

IRIS/INS/T

Case Western Reserve University

"This is not a computer --

this is my arch-enemy!"

O'Brien, DS9

Date: 20 Sep 1993 13:37 EDT

From: swrinde!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!usenet.ins.cwru.edu!

lerc.nasa.gov!lerc.nasa.gov!venus.lerc.nasa.gov!nmr1248@network.ucsd.edu
Subject: Where will the SARTG RTTY contest results appear?
To: ham-digital@ucsd.edu

Hello,

I participated in the SARTG RTTY contest in August and am in the process of sending out my log and results. However, since this contest was sponsored by Scandinavia (I hope that's right), I was wondering if there is a way for me to get the results and see how I place. Is there a particular magazine that would list the results here in the US, or will I have to get the magazine from the country that originated the contest? I know QST and CQ list the results of contests they run, i.e. CQ Worldwide DX contest but I don't remember seeing any contest that originated from other countries. Any ideas or suggestion would be appreciated, especially from those who have worked this contest before.

This was the first RTTY-type contest I've ever worked so I am just looking to see how I did and how others did also.

Thanks in advance

Nancy Rabel Hall	nmr1248@venus.lerc.nasa.gov
Space Station Freedom	--... --- -- -.. . KC4IYD
NASA - Lewis Research Center	stamp collector, SF addict

End of Ham-Digital Digest V93 #48
